SUBJECT INDEX

Adjustment

Automated Least Squares Adjustment of Triangulation-Trilateration Figures, W. C. Hu and Wilson H. Tang, SU Nov. 01, p133-142.

Aerial photography

Differential GPS Geometric Rectification of Fine-Resolution Aircraft Scanner Data, Jonathan D. Witter, John G. Lyon and Barry M. Puskas, SU May 01, p52-58.

Atmospheric pressure

Local Height Determination Using GPS-Monitored Atmospheric Path Delays, Joz Wu and Fong-Gee Yiu, SU Feb. 01, p1-11.

Australia

Combined Analysis of Real-Time Kinematic GPS Equipment and its Users for Height Determination, W. E. Featherstone and M. P. Stewart, SU May 01, p31-51.

Beaches

Hydrographic Surveying from Personal Watercraft, Jamie MacMahan, SU Feb. 01, p12-24.

Coordination

Spatial Data, Coordinate Systems, and the Science of Measurement, Earl F. Burkholder, SU Nov. 01, p143-156.

Data collection

Differential GPS Geometric Rectification of Fine-Resolution Aircraft Scanner Data, Jonathan D. Witter, John G. Lyon and Barry M. Puskas, SU May 01, p52-58.

Earthquakes

Establishment and Maintenance of Taiwan Geodetic Datum 1997, Ming Yang, Ching-Liang Tseng and Jyh-Yih Yu, SU Nov. 01, p119-132.

Error analysis

Empirical Method of Error Analysis in Volume Estimation: Monte Carlo Simulation under Kriging and Triangulation, G. Taylor, A. Y. T. Kudowor and D. Fairbairn, SU May 01, p59-77.

Estimation

Helmert Method as Equivalent of Iterated Almost Unbiased Estimation, R. Hsu, SU Aug. 01, p79-89.

Geocentric datum

Establishment and Maintenance of Taiwan Geodetic Datum 1997, Ming Yang, Ching-Liang Tseng and Jyh-Yih Yu, SU Nov. 01, p119-132.

Geographic information systems

Spatial Data, Coordinate Systems, and the Science of Measurement, Earl F. Burkholder, SU Nov. 01, p143-156.

Geometry

Strategy for Designing Geodetic Network with High Reliability and Geometrical Strength, Alireza Amiri Seemkooei, SU Aug. 01, p104-117.

Global positioning

Combined Analysis of Real-Time Kinematic GPS Equipment and its Users for Height Determination, W. E. Featherstone and M. P. Stewart, SU May 01, p31-51.

Differential GPS Geometric Rectification of Fine-Resolution Aircraft Scanner Data, Jonathan D. Witter, John G. Lyon and Barry M. Puskas, SU May 01, p52-58.

Local Height Determination Using GPS-Monitored Atmospheric Path Delays, Joz Wu and Fong-Gee Yiu, SU Feb. 01, p1-11.

Transformation of Ellipsoid Heights to Local Leveling Heights, M. Yanalak and O. Baykal, SU Aug. 01, p90-103.

Height

Combined Analysis of Real-Time Kinematic GPS Equipment and its Users for Height Determination, W. E. Featherstone and M. P. Stewart, SU May 01, p31-51.

Transformation of Ellipsoid Heights to Local Leveling Heights, M. Yanalak and O. Baykal, SU Aug. 01, p90-103.

Humidity

Local Height Determination Using GPS-Monitored Atmospheric Path Delays, Joz Wu and Fong-Gee Yiu, SU Feb. 01, p1-11.

Hydrographic surveys

Hydrographic Surveying from Personal Watercraft, Jamie MacMahan, SU Feb. 01, p12-24.

Instrumentation

Hydrographic Surveying from Personal Watercraft, Jamie MacMahan, SU Feb. 01, p12-24.

Iteration

Helmert Method as Equivalent of Iterated Almost Unbiased Estimation, R. Hsu, SU Aug. 01, p79-89.

Kinematics

Combined Analysis of Real-Time Kinematic GPS Equipment and its Users for Height Determination, W. E. Featherstone and M. P. Stewart, SU May 01, p31-51.

Leveling

Free Station Method of Leveling, W. F. Teskey and R. S. Radovanovic, SU Feb. 01, p25-29.

Transformation of Ellipsoid Heights to Local Leveling Heights, M. Yanalak and O. Baykal, SU Aug. 01, p90-103.

Measurement

Spatial Data, Coordinate Systems, and the Science of Measurement, Earl F. Burkholder, SU Nov. 01, p143-156.

Methodology

Free Station Method of Leveling, W. F. Teskey and R. S. Radovanovic, SU Feb. 01, p25-29.

Helmert Method as Equivalent of Iterated Almost Unbiased Estimation, R. Hsu, SU Aug. 01, p79-89.

Network design

Strategy for Designing Geodetic Network with High Reliability and Geometrical Strength, Alireza Amiri Seemkooei, SU Aug. 01, p104-117.

Network geometry

Strategy for Designing Geodetic Network with High Reliability and Geometrical Strength, Alireza Amiri Seemkooei, SU Aug. 01, p104-117.

Networks

Helmert Method as Equivalent of Iterated Almost Unbiased Estimation, R. Hsu, SU Aug. 01, p79-89.

Optimization

Automated Least Squares Adjustment of Triangulation-Trilateration Figures, W. C. Hu and Wilson H. Tang, SU Nov. 01, p133-142.

Quality control

Differential GPS Geometric Rectification of Fine-Resolution Aircraft Scanner Data, Jonathan D. Witter, John G. Lyon and Barry M. Puskas, SU May 01, p52-58.

Reliability

Strategy for Designing Geodetic Network with High Reliability and Geometrical Strength, Alireza Amiri Seemkooei, SU Aug. 01, p104-117.

Satellite communications

Local Height Determination Using GPS-Monitored Atmospheric Path Delays, Joz Wu and Fong-Gee Yiu, SU Feb. 01, p1-11.

Simulation

Empirical Method of Error Analysis in Volume Estimation: Monte Carlo Simulation under Kriging and Triangulation, G. Taylor, A. Y. T. Kudowor and D. Fairbairn, SU May 01, p59-77.

Small crafts

Hydrographic Surveying from Personal Watercraft, Jamie MacMahan, SU Feb. 01, p12-24.

Spatial data

Spatial Data, Coordinate Systems, and the Science of Measurement, Earl F. Burkholder, SU Nov. 01, p143-156.

Surf zone

Hydrographic Surveying from Personal Watercraft, Jamie MacMahan, SU Feb. 01, p12-24.

Surface properties

Empirical Method of Error Analysis in Volume Estimation: Monte Carlo Simulation under Kriging and Triangulation, G. Taylor, A. Y. T. Kudowor and D. Fairbairn, SU May 01, p59-77.

Surveys

Automated Least Squares Adjustment of Triangulation-Trilateration Figures, W. C. Hu and Wilson H. Tang, SU Nov. 01, p133-142.

Taiwan

Establishment and Maintenance of Taiwan Geodetic Datum 1997, Ming Yang, Ching-Liang Tseng and Jyh-Yih Yu, SU Nov. 01, p119-132.

Temperature

Local Height Determination Using GPS-Monitored Atmospheric Path Delays, Joz Wu and Fong-Gee Yiu, SU Feb. 01, p1-11.

Terrain models

Transformation of Ellipsoid Heights to Local Leveling Heights, M. Yanalak and O. Baykal, SU Aug. 01, p90-103.

Triangulation

Automated Least Squares Adjustment of Triangulation-Trilateration Figures, W. C. Hu and Wilson H. Tang, SU Nov. 01, p133-142.

Volume measure

Empirical Method of Error Analysis in Volume Estimation: Monte Carlo Simulation under Kriging and Triangulation, G. Taylor, A. Y. T. Kudowor and D. Fairbairn, SU May 01, p59-77.

Weight

Helmert Method as Equivalent of Iterated Almost Unbiased Estimation, R. Hsu, SU Aug. 01, p79-89.

AUTHOR INDEX

Baykal, O.
see Yanalak, M., SU Aug. 01, p90-103

Burkholder, Earl F.
Spatial Data, Coordinate Systems, and the Science of Measurement. SU Nov. 01, p143-156

Fairbairn, D.
see Taylor, G., SU May 01, p59-77

Featherstone, W. E.
Combined Analysis of Real-Time Kinematic GPS Equipment and its Users for Height Determination, with M. P. Stewart. SU May 01, p31-51

Hsu, R.
Helmert Method as Equivalent of Iterated Almost Unbiased Estimation. SU Aug. 01, p79-89

Hu, W. C.
Automated Least Squares Adjustment of Triangulation-Trilateration Figures, with Wilson H. Tang. SU Nov. 01, p133-142

Kudowor, A. Y. T.
see Taylor, G., SU May 01, p59-77

Lyon, John G.
see Witter, Jonathan D., SU May 01, p52-58

MacMahan, Jamie
Hydrographic Surveying from Personal Watercraft. SU Feb. 01, p12-24

Puskas, Barry M.
see Witter, Jonathan D., SU May 01, p52-58

Radovanovic, R. S.
see Teskey, W. F., SU Feb. 01, p25-29

Seemkooei, Alireza Amiri
Strategy for Designing Geodetic Network with High Reliability and Geometrical Strength. SU Aug. 01, p104-117

Stewart, M. P.
see Featherstone, W. E., SU May 01, p31-51

Tang, Wilson H.
see Hu, W. C., SU Nov. 01, p133-142

Taylor, G.
Empirical Method of Error Analysis in Volume Estimation: Monte Carlo Simulation under Kriging and Triangulation, with A. Y. T. Kudowor and D. Fairbairn. SU May 01, p59-77

Teskey, W. F.
Free Station Method of Leveling, with R. S. Radovanovic. SU Feb. 01, p25-29

Tseng, Ching-Liang
see Yang, Ming, SU Nov. 01, p119-132

Witter, Jonathan D.
Differential GPS Geometric Rectification of Fine-Resolution Aircraft Scanner Data, with John G. Lyon and Barry M. Puskas. SU May 01, p52-58

Wu, Joz
Local Height Determination Using GPS-Monitored Atmospheric Path Delays, with Fong-Gee Yiu. SU Feb. 01, p1-11

Yanalak, M.
Transformation of Ellipsoid Heights to Local Leveling Heights, with O. Baykal. SU Aug. 01, p90-103

Yang, Ming
Establishment and Maintenance of Taiwan Geodetic Datum 1997, with Ching-Liang Tseng and Jyh-Yih Yu. SU Nov. 01, p119-132

Yiu, Fong-Gee
see Wu, Joz, SU Feb. 01, p1-11

Yu, Jyh-Yih
see Yang, Ming, SU Nov. 01, p119-132